

AMENDMENTS TO THE CLAIMS

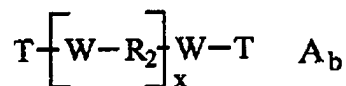
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 12 (cancelled)

Claim 13 (currently amended) ~~The A detergent composition of claim 11, comprising~~

- a) from 1% to 80% by weight of surfactants selected from the group consisting of nonionic, anionic, cationic, amphoteric, zwitterionic surfactants and mixtures thereof; and
 b) from 0.01% to 50% by weight of a mixture of A) cyclic amine based polymers, oligomers or copolymers and B) hydrophobically modified cellulosic based polymers or oligomers, wherein the cyclic amine based polymers, oligomers or copolymers are of the general formula:

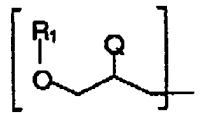
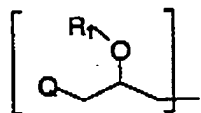
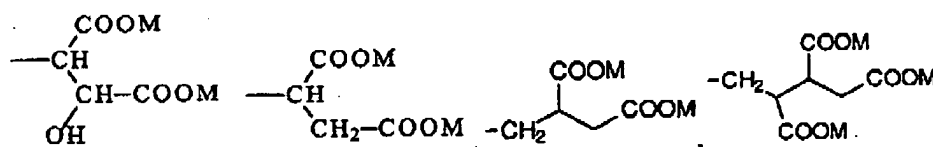


wherein;

each T is independently selected from the group consisting of H, C₁-C₁₂ alkyl, substituted alkyl,

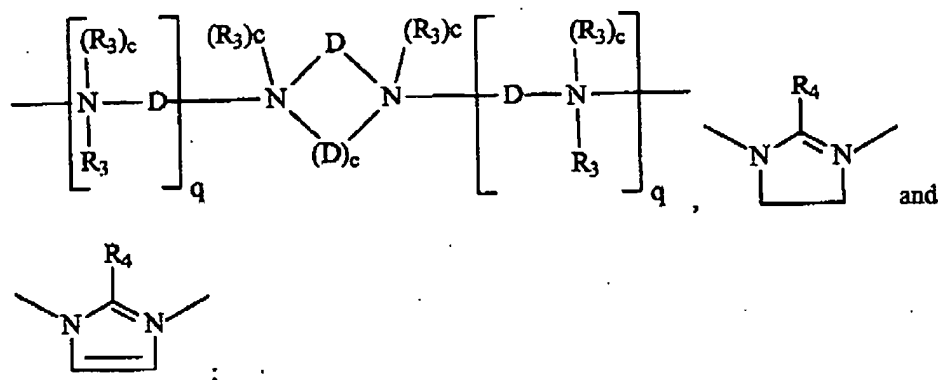
C₇-C₁₂ alkylaryl,

-(CH₂)_nCOOM, -(CH₂)_nSO₃M, CH₂CH(OH)SO₃M, -(CH₂)_nOSO₃M,

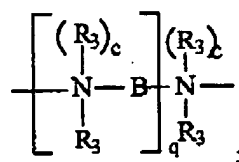


, and -R₂Q;

-wherein W comprises at least one cyclic constituent selected from the group consisting of:



in addition to the at least one cyclic constituent, W may also comprise an aliphatic or substituted aliphatic moiety of the general structure;



-each B is independently C₁-C₁₂ alkylene, C₁-C₁₂ substituted alkylene, C₃-C₁₂ alkenylene, C₈-C₁₂ dialkylarylene, C₈-C₁₂ dialkylarylenediyl, and -(R₅O)_nR₅-;

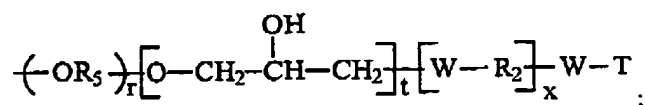
-each D is independently C₂-C₆ alkylene;

-each Q is independently selected from the group consisting of hydroxy, C₁-C₁₈ alkoxy, C₂-C₁₈ hydroxyalkoxy, amino, C₁-C₁₈ alkylamino, dialkylamino, trialkylamino groups, heterocyclic monoamino groups and diamino groups;

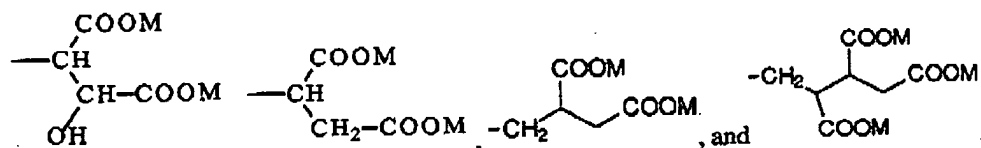
-each R₁ is independently selected from the group consisting of H, C₁-C₈ alkyl and C₁-C₈ hydroxyalkyl;

-each R₂ is independently selected from the group consisting of C₁-C₁₂ alkylene, C₁-C₁₂ alkenylene, -CH₂-CH(OR₁)-CH₂, C₈-C₁₂ alkarylene, C₄-C₁₂ dihydroxyalkylene, poly(C₂-C₄ alkyleneoxy)alkylene, H₂CH(OH)CH₂OR₂OCH₂CH(OH)CH₂-, and C₃-C₁₂ hydrocarbyl moieties;

provided that when R₂ is a C₃-C₁₂ hydrocarbyl moiety the hydrocarbyl moiety can comprise from about 2 to about 4 branching moieties of the general structure:



-each R_3 is independently selected from the group consisting of H, O, R_2 , C_1 - C_{20} hydroxyalkyl, C_1 - C_{20} alkyl, substituted alkyl, C_6 - C_{11} aryl, substituted aryl, C_7 - C_{11} alkylaryl, C_1 - C_{20} aminoalkyl, $-(CH_2)_hCOOM$, $-(CH_2)_hSO_3M$, $CH_2CH(OH)SO_3M$, $-(CH_2)_hOSO_3M$,



-each R_4 is independently selected from the group consisting of H, C_1 - C_{22} alkyl, C_1 - C_{22} hydroxyalkyl, aryl and C_7 - C_{22} alkylaryl;

-each R_5 is independently selected from the group consisting of C_2 - C_8 alkylene, C_2 - C_8 alkyl substituted alkylene; and

A is a compatible monovalent or di or polyvalent anion;

M is a compatible cation;

b = number necessary to balance the charge;

each x is independently from 3 to 1000;

each c is independently 0 or 1;

each h is independently from 1 to 8;

each q is independently from 0 to 6;

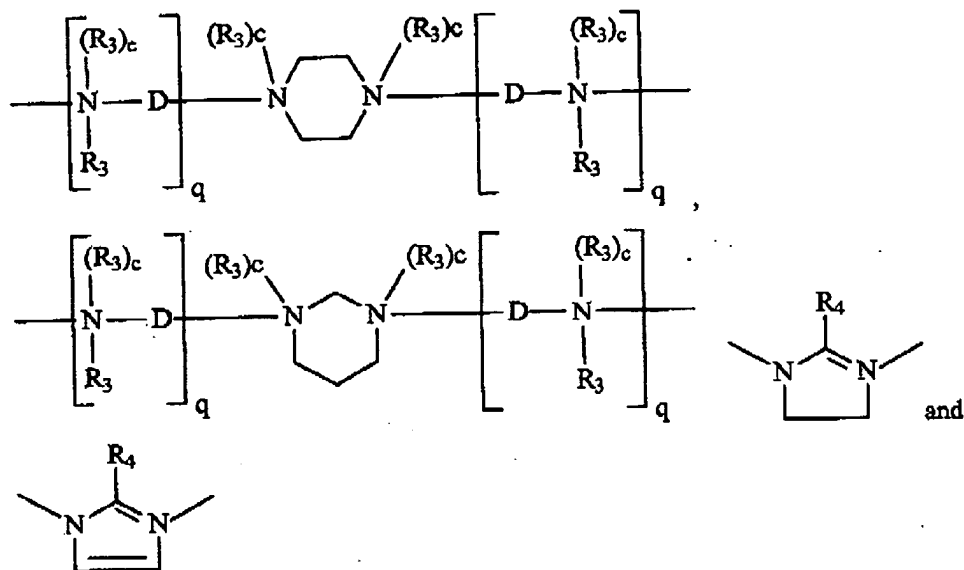
each n is independently from 1 to 20;

each r is independently from 0 to 20; and

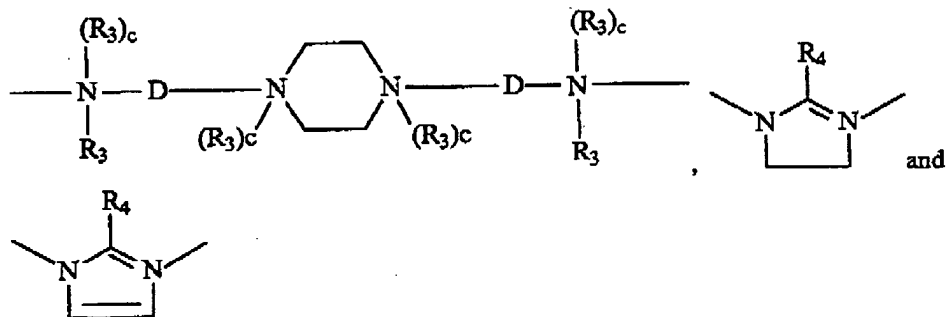
each t is independently from 0 to 1.

Claim 14 (currently amended) The detergent composition of claim 13, wherein the cyclic amine based polymers, oligomers or copolymers are adducts selected from the group consisting of piperazine, piperidine, epichlorohydrin, epichlorohydrin benzyl quat, epichlorohydrin methyl quat, morpholine and mixtures thereof.

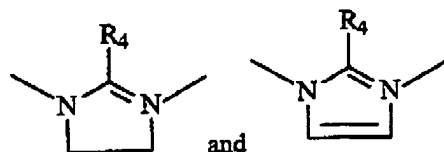
Claim 15 (previously added) The detergent composition of claim 13, wherein each R_1 is H and at least one W is selected from the group consisting of:



Claim 16 (previously added) The detergent composition of claim 13, wherein each R_1 is H and at least one W is selected from the group consisting of:



Claim 17 (previously added) The detergent composition of claim 13, wherein each R_1 is H and at least one W is selected from the group consisting of:



Claims 18 - 22 (cancelled)

Claim 23 (currently amended) The detergent composition of claim ~~11~~ 13, wherein the composition further comprises a detergent enzyme and an enzyme stabilization system.

Claim 24 (currently amended) The detergent composition of claim ~~11~~ 13, wherein the composition further comprises an inorganic peroxygen bleaching compound, which is selected from the group consisting of alkali metal salts of perborate, percarbonate and mixtures thereof, and a bleach activator, which is nonanoyloxybenzene sulfonate.

Claim 25 (currently amended) The detergent composition of claim ~~11~~ 13, wherein the composition further comprises a cellulase enzyme.

Claim 26 (previously added) The detergent composition of claim 24, wherein the composition further comprises a cellulase enzyme.

Claims 27 - 28 (cancelled)